

# Product Datasheet

## ING4 Antibody [CoraFluor™ 1] NB100-1682CL1

Unit Size: 0.1 ml

Store at 4C in the dark. Do not freeze.

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**NB100-1682CL1**

ING4 Antibody [CoraFluor™ 1]

| Product Information     |  |
|-------------------------|--|
| Unit Size               | 0.1 ml   |
| Concentration           | Please see the vial label for concentration. If unlisted please contact technical services.  |
| Storage                 | Store at 4C in the dark. Do not freeze.  |
| Clonality               | Polyclonal   |
| Preservative            | No Preservative  |
| Isotype                 | IgG  |
| Conjugate               | CoraFluor 1  |
| Purity                  | Immunogen affinity purified  |
| Buffer                  | PBS  |
| Product Description     |  |
| Description             | <p>CoraFluor(TM) 1 is a high performance terbium-based TR-FRET (Time-Resolved Fluorescence Resonance Energy Transfer) or TRF (Time-Resolved Fluorescence) donor for high throughput assay development. CoraFluor(TM) 1 absorbs UV light at approximately 340 nm, and emits at approximately 490 nm, 545 nm, 585 nm and 620 nm. It is compatible with common acceptor dyes that absorb at the emission wavelengths of CoraFluor(TM) 1. CoraFluor(TM) 1 can be used for the development of robust and scalable TR-FRET binding assays such as target engagement, ternary complex, protein-protein interaction and protein quantification assays.</p> <p><a href="#">CoraFluor(TM) 1, amine reactive</a></p> <p><a href="#">CoraFluor(TM) 1, thiol reactive</a></p> <p>For more information, please see our <a href="#">CoraFluor(TM) TR-FRET technology flyer</a>.</p> |
| Host                    | Goat   |
| Gene ID                 | 51147  |
| Gene Symbol             | ING4   |
| Species                 | Human  |
| Reactivity Notes        | Reactivity occurs against human p29 ING4 protein. The sequence is not present in isoforms 2 (see below). However, 100% homology is on record for this protein from human, dog, rat, and mouse. Cross reactivity with p29 ING4 protein from chimpanzee and chicken sources is also expected based on high homology (one amino acid change in sequence) by BLAST. Reactivity with p29 ING4 proteins from other sources is not known.   |
| Specificity/Sensitivity | Reactivity occurs against human p29 ING4 protein. The sequence is not present in isoforms 2 (see below). However, 100% homology is on record for this protein from human, dog, rat, and mouse. Cross reactivity with p29 ING4 protein from chimpanzee and chicken sources is also expected based on high homology (one amino acid change in sequence) by BLAST. Reactivity with p29 ING4 proteins from other sources is not known.   |
| Immunogen               | This affinity purified ING4 Antibody was prepared from whole goat serum produced by repeated immunizations with a synthetic peptide corresponding to an internal region near aa 150-175 of Human ING4 protein (Inhibitor of growth family, member 4). This sequence only shows homology to isoform 1 for ING4. (Uniprot: Q9UNL4)   |



|              |   |
|--------------|---|
| <b>Notes</b> | CoraFluor (TM) is a trademark of Bio-Techne Corp. Sold for research purposes only under agreement from Massachusetts General Hospital. US patent 2022/0025254 |
|--------------|---|

| <b>Product Application Details</b> |  |
|------------------------------------|--|
| <b>Applications</b>                | Western Blot, ELISA  |
| <b>Recommended Dilutions</b>       | Western Blot, ELISA  |
| <b>Application Notes</b>           | Optimal dilution of this antibody should be experimentally determined. |





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### **Products Related to NB100-1682CL1**

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|                    |   |
|--------------------|---|
| H00051147-P01-10ug | Recombinant Human ING4 GST (N-Term) Protein |
| DVE00              | VEGF [HRP]                                  |
| NBL1-11992         | ING4 Overexpression Lysate                  |
| AF835              | Caspase-3 Antibody [Unconjugated] - Active  |

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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